

10/534133

JCOG Rec'd PCT/PTO 06 MAY 2005

Attorney Docket No.: 102792-450 (10477P1)

APPLICANT: Malcolm Tom MCKECHNIE

TITLE: IMPROVEMENTS IN OR RELATING TO ARTICLES

This is a 371 of PCT/GB03/04793

**EXPRESS MAIL CERTIFICATE**

"Express Mail" mailing label number: EV 586236490 US

Date of Deposit: 06 May 2005

I hereby certify that the following items:

1. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 in duplicate - **CHARGE DEPOSIT ACCOUNT**
2. Application Data Sheet
3. Preliminary Amendment
4. Specification
5. Information Disclosure Statement with PTO-1449 and 17 references
6. Copy of application as published - WO 2004/043501 A1
7. Copy of International Search Report dated 05 April 2004
8. Copy of International Preliminary Examination Report dated 04 February 2005
9. Copy of two (2) Combined Search and Examination Reports from The Patent Office in Great Britain dated 29 January 2002 and 29 April 2003
10. Copy of Search Report from The Patent Office in Great Britain dated 24 January 2001
11. Copy of two (2) Written Opinions dated 06 August 2004 and 09 November 2004
12. Copy of two (2) responses dated 22 October 2004 and 10 December 2004 to Written Opinions
13. Transmittal of Formal Drawings with three (3) sets of Formal Drawings of three (3) sheets each
14. Unexecuted Combined Oath, Declaration and Power of Attorney
15. Return Receipt Postcard

are being deposited with the United States Postal Services "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

NORRIS, McLAUGHLIN & MARCUS, P.A.

By Kimberly Brittingham  
Kimberly Brittingham

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<b>TRANSMITTAL LETTER TO THE UNITED STATES                  DESIGNATED/ELECTED OFFICE (DO/EO/US)                  CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 102792-450 (10477P1) U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>107534133</b>
INTERNATIONAL APPLICATION NO. PCT/GB03/04793	INTERNATIONAL FILING DATE 06 November 2003 [06.11.2003]	PRIORITY DATE CLAIMED 09 November 2002 [09.11.2002]
TITLE OF INVENTION IMPROVEMENTS IN OR RELATING TO ARTICLES		
APPLICANT(S) FOR DO/EO/US Malcolm Tom MCKECHNIE		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input checked="" type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: ISR, IPER, Written Opinions (2), Responses to Written Opinions (2), Unexecuted Oath; Transmittal of Formal Drawings, Express Mail Certificate, Return Receipt Postcard		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold;">10/534133</div>		INTERNATIONAL APPLICATION NO. PCT/GB03/04793		ATTORNEY'S DOCKET NUMBER 102792-450 (10477P1)									
21. The following fees are submitted: <input checked="" type="checkbox"/> a) Basic national fee..... \$300.00 <input checked="" type="checkbox"/> b) Examination fee..... \$200.00 <input checked="" type="checkbox"/> c) Search fee..... \$500.00  <div style="text-align: right;">TOTAL OF ABOVE CALCULATIONS = \$1000.00</div>				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">\$ 300</td><td></td></tr> <tr><td style="text-align: right;">\$ 200</td><td></td></tr> <tr><td style="text-align: right;">\$ 400</td><td></td></tr> <tr><td style="text-align: right;">\$ 900</td><td></td></tr> </table>		\$ 300		\$ 200		\$ 400		\$ 900	
\$ 300													
\$ 200													
\$ 400													
\$ 900													
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.													
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE										
24	- 100 =	/50 =	x \$250.00										
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$									
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	\$								
Total claims		21 - 20 =	1	x \$50.00	\$ 50.00								
Independent claims		2 - 3 =		x \$200.00	\$								
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	\$								
TOTAL OF ABOVE CALCULATIONS =					\$								
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					\$								
SUBTOTAL =					\$								
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					+								
TOTAL NATIONAL FEE =					\$								
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property					+								
TOTAL FEES ENCLOSED =					\$ 950								
					Amount to be refunded:	\$							
					Amount to be charged:	\$ 950							
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>14-1263</u> in the amount of \$ <u>950</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>14-1263</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.													
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.													
SEND ALL CORRESPONDENCE TO: Andrew N. Parfomak Customer No. 27389 Norris McLaughlin & Marcus PA 875 Third Avenue, 18th Floor New York, New York 10022													
<div style="text-align: center;">             SIGNATURE            Andrew N. Parfomak            NAME            32,431            REGISTRATION NUMBER         </div>													

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : Malcolm Tom MCKECHNIE  
SERIAL NO. : To Be Assigned  
FILED : 06 May 2005  
FOR : IMPROVEMENTS IN OR RELATING TO ARTICLES  
ART UNIT : To Be Assigned  
EXAMINER : To Be Assigned

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06 May 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL OF FORMAL DRAWINGS

Sir:

Submitted herewith for entry and approval are three (3) sheets of formal drawings (Fig. 1 - Fig. 6) in the above-referenced application. Each sheet of drawing indicates the identifying indicia suggested in 37 CFR § 1.84(c).

Respectfully submitted,  
NORRIS, McLAUGHLIN & MARCUS, PA

By Andrew N. Parfomak  
Andrew N. Parfomak  
Reg. No. 32,431

ANP/kb  
Attachments: - Formal Drawings (3 sheets)

875 Third Avenue, 18<sup>th</sup> Floor  
New York, New York 10022  
Phone: (212) 808-0700  
Fax: (212) 808-0844

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Services as Express Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

By Kimberly Brittingham  
Kimberly Brittingham

Date: 06 May 2005